# Text Complexity Analysis Template

| Text complexity analysis | | | |
|---|---|---|---|
| **Created by:** | Susan Toubman | **Event/Date:** | July 29,2014 |
| **Text and Author** | "Monarch Butterfly" by Gail Gibbons | **Where to Access Text** | library |

| Quantitative | | | |
|---|---|---|---|
| **Lexile and Grade Level** | 650 L AD | **Text Length** | 23 pages |

## Qualitative

| Meaning/Central Ideas | Text Structure/Organization |
|---|---|
| Life cycle of the monarch butterfly, migration, description of a monarch butterfly with a diagram, how to raise a butterfly | The information is sequential and a circular book so it shows how the cycle continues on every year. The graphics are drawn but clearly explain the text. Highly engaging with color. The graphics extend the meaning of the text, for example it demonstrates wiggles and how the abdomen shrinks. Diagrams have labels and there are facts about the butterflies in the back of the book. |

| Prior Knowledge Demands | Language Features |
|---|---|
| Basic knowledge about a butterfly as part of the insect family and how it moves and lives would be helpful, but not necessary.  The author is depicting the lifecycle so knowledge of a cycle would be helpful since that is how the book is set up. Discussion of nonfiction text features would be needed to enhance comprehension of the information. | Vocabulary uses scientific terms for the students. The sentence structure is short which helps the student with the more complex vocabulary. The pictures help the student to understand the scientific terms. Bold labels help to identify important and content specific words. |

### Potential Reader/Task Challenges

In recent years, monarch butterflies have become increasingly endangered in our geographic location so students may not have as much prior knowledge about seeing them in the world. Scientific vocabulary will be challenging for students. If they are not familiar with reading diagrams and pictures, they will need to be taught how to read diagrams before reading text.

### Big Takeaway

Use of text features and words come alive with the authors us of diagrams, bold print to demonstrate the beauty of the monarch butterfly and the wonder of migration. Literacy .RI.1.7 The illustrations and the details in the text enable to appreciate how animals in nature continue to survive through the magical process of metamorphosis.

# Vocabulary Analysis Template

| | Words that demand less teaching time (i.e. the definition is singular and concrete) | Words that demand more teaching time (i.e. words with multiple meanings and/or that are part of a word family) |
|---|---|---|
| **Words that can be determined in context** | Hatches(tier 2)<br>Underneath (tier 2)<br>Attaches (tier 2)<br>Shrinks (tier 2)<br>Festivals (tier 2)<br>Celebrates (tier 2)<br>Clinging (tier 2)<br>Replace (tier 2) | Settles (tier2)<br>Presses ( tier 2)<br>Appearing ( tier 2) |
| **Words that cannot be determined in context** | Milkweed (tier 3)<br>Larva (tier 3)<br>Chrysalis (tier 3)<br>Pupa (tier 3)<br>Metamorphosis (tier 3)<br>Antenna (tier 3)<br>Thorax (tier 3)<br>Migrations (tier 3)<br>Abdomen (tier 3) | **Molting (tier 3)**<br>**Transparent (tier 3)**<br>**Scales (tier 3)** |